

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.

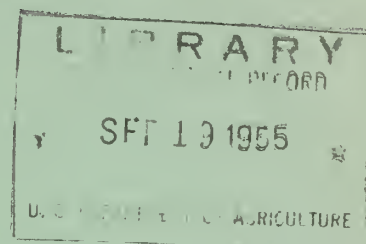


A 49.9  
R31  
Cop. 2

ARS 53-4

Issued October 1954

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE



Tables on Hatchery and Flock Participation in the  
National Turkey Improvement Plan



Table 1 - Hatchery Participation in the National Turkey Improvement Plan,  
by States and Divisions, 1952-53 and 1953-54

State and Division	1952-53		1953-54	
	Number	Egg Capacity	Number	Egg Capacity
Maine	11	259,470	8	245,500
New Hampshire	10	37,900	7	34,900
Vermont	6	123,400	7	92,466
Massachusetts	61	605,140	53	603,570
Rhode Island	10	50,700	4	34,000
Connecticut	17	135,116	16	244,849
New York	43	985,105	45	1,029,790
New Jersey	23	462,714	21	370,490
Pennsylvania	46	1,378,073	43	1,237,971
<b>NORTH ATLANTIC</b>	<b>227</b>	<b>4,037,618</b>	<b>204</b>	<b>3,893,536</b>
Ohio	36	1,402,984	37	1,932,336
Indiana	12	514,000	14	629,000
Illinois	13	627,185	16	673,510
Michigan	24	1,778,900	20	1,707,000
Wisconsin	7	329,600	7	429,600
<b>EAST NORTH CENTRAL</b>	<b>92</b>	<b>4,652,669</b>	<b>94</b>	<b>5,371,446</b>
Minnesota	56	4,060,600	56	4,142,600
Iowa	18	57,905	-	-
Missouri	56	148,165	28	1,486,052
North Dakota	13	451,146	13	446,746
South Dakota	3	177,000	4	178,000
Nebraska	14	666,300	14	705,300
Kansas	15	542,322	16	603,455
<b>WEST NORTH CENTRAL</b>	<b>175</b>	<b>6,103,438</b>	<b>131</b>	<b>7,562,153</b>
Delaware	3	219,800	3	218,800
Maryland	19	374,900	18	355,900
Virginia	34	2,296,993	33	2,286,895
West Virginia	2	118,000	2	118,000
North Carolina	12	438,533	12	480,933
South Carolina	17	697,636	17	794,436
Georgia	5	137,300	4	125,760
Florida	11	103,000	11	136,630
<b>SOUTH ATLANTIC</b>	<b>103</b>	<b>4,386,162</b>	<b>100</b>	<b>4,517,354</b>
Kentucky	4	744,000	4	744,000
Tennessee	1	50,000	-	-
Alabama	8	132,685	5	77,265
Mississippi	2	16,000	1	11,500
Arkansas	7	149,928	7	164,928
Louisiana	2	36,150	2	45,400
Oklahoma	25	801,500	27	983,500
Texas	59	2,327,002	44	1,783,296
<b>SOUTH CENTRAL</b>	<b>108</b>	<b>4,257,265</b>	<b>90</b>	<b>3,809,889</b>
Montana	1	32,000	4	16,000
Idaho	5	246,100	4	206,130
Wyoming	-	-	-	-
Colorado	2	53,000	2	195,000
New Mexico	-	-	1	8,000
Arizona	4	31,000	2	19,000
Utah	9	983,495	9	983,495
Washington	17	792,705	12	714,600
Oregon	26	2,592,562	24	2,321,900
California	121	7,835,738	113	7,845,643
<b>WESTERN</b>	<b>185</b>	<b>12,566,600</b>	<b>171</b>	<b>12,309,768</b>
<b>UNITED STATES</b>	<b>890</b>	<b>36,003,752</b>	<b>790</b>	<b>37,464,146</b>

\*

\*

\*

Information in this report, previously designated as A.H.D. 152, was prepared by the Animal and Poultry Husbandry Research Branch, Agricultural Research Service.

Table 2 - Flock Participation in the National Turkey Improvement Plan  
by States and Divisions, 1952-53 and 1953-54

State and Division	1952-53			1953-54		
	Flocks	Birds	Av. birds per flock	Flocks	Birds	Av. birds per flock
Maine	33	12,212	370	30	14,148	472
New Hampshire	12	6,446	537	18	7,387	410
Vermont	16	6,616	414	15	5,860	391
Massachusetts	50	23,530	471	56	21,526	384
Rhode Island	21	2,061	98	18	1,994	111
Connecticut	35	9,223	264	88	10,193	116
New York	75	35,956	479	78	39,062	500
New Jersey	50	11,847	237	33	8,956	271
Pennsylvania	87	46,775	538	68	38,925	572
NORTH ATLANTIC	379	154,666	408	404	148,051	366
Ohio	121	83,648	691	136	109,959	809
Indiana	53	28,182	532	44	23,612	537
Illinois	32	10,364	324	36	13,861	385
Michigan	156	82,344	528	147	82,817	563
Wisconsin	12	8,423	702	43	39,238	913
EAST NORTH CENTRAL	374	212,961	569	406	269,487	664
Minnesota	341	240,020	704	371	268,415	723
Iowa	23	64,130	2,788	34	61,945	1,822
Missouri	230	169,416	737	251	163,990	653
North Dakota	25	12,343	494	23	12,579	547
South Dakota	4	3,955	989	4	4,074	1,019
Nebraska	25	19,198	768	28	24,050	859
Kansas	53	27,427	517	62	33,636	543
WEST NORTH CENTRAL	701	536,489	765	773	568,689	736
Delaware	23	3,388	147	18	3,766	209
Maryland	71	21,559	304	65	19,614	302
Virginia	454	227,419	501	544	299,722	551
West Virginia	46	7,491	163	44	8,240	187
North Carolina	65	35,790	551	52	38,102	733
South Carolina	46	74,453	1,619	40	38,012	2,200
Georgia	13	8,201	631	8	3,922	490
Florida	16	5,548	347	20	6,047	302
SOUTH ATLANTIC	734	383,849	523	791	467,425	591
Kentucky	30	33,965	1,132	28	33,136	1,183
Tennessee	-	-	-	-	-	-
Alabama	22	12,415	564	19	5,867	309
Mississippi	10	3,721	372	5	3,220	644
Arkansas	15	11,034	736	39	26,433	678
Louisiana	-	-	-	-	-	-
Oklahoma	94	27,988	298	92	35,274	383
Texas	509	188,064	369	439	185,969	424
SOUTH CENTRAL	680	277,187	408	622	289,899	466
Montana	-	-	-	-	-	-
Idaho	3	1,750	583	3	3,080	1,027
Wyoming	-	-	-	-	-	-
Colorado	1	465	465	3	1,677	559
New Mexico	-	-	-	-	-	-
Arizona	3	1,236	412	2	1,342	671
Utah	32	28,943	904	39	31,203	800
Washington	84	84,260	1,003	77	90,023	1,169
Oregon	232	210,344	907	240	240,530	1,002
California	588	704,551	1,198	483	654,948	1,356
WESTERN	943	1,031,549	1,094	847	1,022,803	1,207
UNITED STATES	3,811	2,596,701	681	3,843	2,766,354	720



Table 3 - Summary of Hatchery Participation in the National Turkey Improvement Plan, 1948-49 to 1953-54 inclusive

		1948-49	1949-50	1950-51	1951-52	1952-53	1953-54
Number Hatcheries		768	815	895	819	890	790
Hatching Egg Capacity		32,071,895	31,710,192	34,567,108	31,231,271	36,003,752	37,464,146
Percent Increase or Decrease	No. Cap.	+13.94 +20.35	+6.12 -1.13	+9.82 +9.01	-8.49 -9.65	+8.67 +15.28	-11.24 +4.06
U. S. Approved	No. Cap. Per.	547 24,586,964 76.66	615 25,632,158 80.83	669 28,650,869 82.88	644 27,008,114 86.48	667 29,702,484 82.50	628 32,407,667 86.50
U. S. Certified	No. Cap. Per.	22 408,345 1.27	22 529,551 1.67	31 872,015 2.52	20 683,050 2.19	21 879,800 2.44	16 550,370 1.47
Pullorum Classes Only (no breeding stage)	No. Cap. Per.	199 7,076,586 22.07	178 5,548,483 17.50	195 5,044,224 14.60	155 3,540,107 11.33	202 5,421,468 15.06	146 4,506,109 12.03
U. S. Pullorum-Controlled	No. Cap. Per.	203 10,758,402 33.54	164 7,531,997 23.75	161 6,544,767 18.93	85 4,162,425 13.33	34 1,452,620 4.04	16 579,636 1.55
U. S. Pullorum-Passed	No. Cap. Per.	159 6,090,042 18.99	193 6,595,006 20.80	148 4,918,411 14.23	143 4,405,761 14.11	132 5,652,949 15.70	98 3,591,232 9.58
U. S. Pullorum-Clean	No. Cap. Per.	406 15,223,451 47.47	458 17,583,189 55.45	586 23,103,930 66.84	591 22,663,085 72.56	724 28,898,183 80.26	676 33,293,278 88.87

Table 4 - Summary of Flock Participation in the National Turkey Improvement Plan, 1948-49 to 1953-54 inclusive.

		1948-49	1949-50	1950-51	1951-52	1952-53	1953-54
Number flocks		3,224	3,922	3,920	4,273	3,811	3,843
Number birds		1,849,907	2,132,644	2,264,369	3,063,677	2,596,701	2,766,354
Percent Increase or Decrease	Flocks Birds	+52.29 +68.80	+21.65 +15.28	- .05 +6.18	+9.01 +35.30	-10.82 -15.24	+8.4 +6.53
Av. No. Birds per flock		574	544	578	717	681	720
U. S. Approved	Flocks Birds Per.	2,441 1,403,269 75.86	3,213 1,650,256 77.38	3,204 1,793,230 79.20	3,367 2,451,755 80.03	3,244 2,147,248 82.69	3,321 2,364,661 85.48
U. S. Certified	Flocks Birds Per.	165 91,441 4.94	205 97,637 4.58	177 115,570 5.10	315 148,902 4.86	127 64,491 2.48	96 54,173 1.96
Pullorum Classes Only (no breeding stage)	Flocks Birds Per.	618 355,197 19.20	504 384,751 18.04	539 355,569 15.70	591 463,020 15.11	440 384,962 14.83	426 347,520 12.56
U. S. Pullorum-Controlled	Flocks Birds Per.	362 223,982 12.11	291 148,955 6.99	272 122,170 5.40	145 75,194 2.46	35 37,897 1.46	50 51,052 1.84
U. S. Pullorum-Passed	Flocks Birds Per.	677 199,124 10.76	797 305,680 14.33	665 282,172 12.46	404 244,809 7.99	381 211,179 8.13	160 85,416 3.09
U. S. Pullorum-Clean	Flocks Birds Per.	2,185 1,426,801 77.13	2,834 1,678,009 78.68	2,983 1,860,027 82.14	3,724 2,743,674 89.55	3,395 2,347,625 90.41	3,633 2,629,886 95.07
FIRST TEST	No. Flocks No. Birds Percent Reactors	3,782 1,990,073 10,210 0.51	4,717 2,340,576 9,172 0.39	4,163 2,392,630 8,502 0.36	4,728 3,277,780 6,725 0.21	4,164 2,753,966 4,882 0.18	4,225 2,946,586 2,641 .09